

## Modification

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Oxy USA Inc. submits the following modification of the Sand Dunes Recycling Facility:

This modification is in regards to the addition of two synthetically lined ASTs. The ASTs have a total capacity of 60,000 bbl. each and are lined with two 30 mil (minimum) LLDPE or two 40 mil (minimum) HDPE liners. An additional 30 mil (minimum) LLDPE or 40 mil (minimum) HDPE shall be placed on the base of the tank and shall act as an additional protective layer and the foundation for the visual leak detection system should a breach occur through the upper primary and secondary liner. The AST subgrade shall be covered with a geocomposite or geotextile to protect the liner system. The ASTs shall be netted and maintain at least 2 ft. of freeboard capacity. The facility layout and design/construction specifications for the ASTs are attached. The ASTs may be constructed with an under mount manifold as opposed to over the top discharge/suction line. The ASTs will serve as pre-treatment tanks and act as a buffer system before the input to the recycling facility – preventing system upsets by providing steady flow.

These tanks will be located at a gunbarrel water polishing facility upstream of the recycling facility. The gunbarrel water polishing facility is located 1300 ft. to the southeast of the recycling facility. See the attached layout diagrams.

A copy of the C-147 will be submitted to the land owner (BLM).



GLO "1916" B.C.

32 33

T-23-S

T-24-S

5 4

2288.1'

N89°44'34"E  
1190.3' (TIE)

SAND DUNES NORTH  
CORRIDOR WATER  
TREATMENT FACILITY

P.O.B.

S89°59'29"E 500.0'

SAND DUNES NORTH  
CORRIDOR ATS FACILITY  
5.739 ACRES

N00°00'31"E 500.0'

S00°00'31"W 500.0'

N89°59'29"W 500.0'

USA

### LEGEND

- DENOTES FOUND CORNER AS NOTED
- DENOTES SET SPIKE NAIL

### NOTE

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

I, RONALD J. EIDSON, NEW MEXICO PROFESSIONAL SURVEYOR No. 3239, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RONALD J. EIDSON

DATE: 12-18-2017

### DESCRIPTION:

A PROPOSED TRACT LOCATED IN SECTION 4, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT WHICH LIES S00°08'11"E 2288.1 FEET AND N89°44'34"E 1190.3 FEET FROM THE NORTHWEST CORNER; THEN S89°59'29"E 500.0 FEET; THEN S00°00'31"W 500.0 FEET; THEN N89°59'29"W 500.0 FEET; THEN N00°00'31"E 500.0 FEET TO THE POINT OF BEGINNING AND CONTAINING 5.739 ACRES MORE OR LESS.

200 0 200 400 Feet  
Scale: 1"=200'

**OXY U.S.A. INC.**

SURVEY A TRACT FOR THE SAND DUNES NORTH  
CORRIDOR ATS FACILITY IN THE NW/4 OF SECTION 4,  
TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M.  
EDDY COUNTY, NEW MEXICO

Survey Date: 12/05/17

CAD Date: 12/15/17

Drawn By: ACK

W.O. No.: 17111127

Rev. .

Rel. W.O.:

Sheet 1 of 1



PROVIDING SURVEYING SERVICES  
SINCE 1946

**JOHN WEST SURVEYING COMPANY**

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